9/11/87 13575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended September 4, 1987 NO. 36

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/04/87	Last Week Ending: 08/28/87	Last Year Week Ending: 09/05/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,456	13,505	13,651	-49	-195
Operable capacity	15,692	15,692	15,602	0	90
Percent operated	85.8	86.1	87.5		
Motor Gasoline					
Total motor gasoline production	6,893	7,071	7,245	-178	-352
Finished leaded motor gasoline production	1,657	1,770	2,185	-113	-528
Finished unleaded motor gasoline production	5,236	5,301	5,060	-65	176
Total motor gasoline stocks	225,238	226,420	222,567	-1,182	2,671
Finished leaded motor gasoline stocks	53,535	53,369	70,128	166	-16,593
Finished unleaded motor gasoline stocks	133,241	135,111	117,108	-1,870	16,133
Jet Fuel Kerosine					
Jet fuel kerosine production	1,239	1,232	1,088	7	151
Jet fuel kerosine stocks	40,503	41,329	42,494	-826	-1,991
Distillate Fuel Oil					
Distillate fuel oil production	2,699	2,665	2,968	34	-269
Distillate fuel oil stocks	124,137	123,421	135,247	716	-11,110
Residual Fuel Oil					
Residual fuel oil production	891	933	987	-42	-96
Residual fuel oil stocks	42,662	42,961	40,099	-299	2,563
Imports					
Crude oil imports	4,523	5,306	5,481	-783	-958
Product imports	1,716	2,120	2,474	-404	-758
Crude Oil Stocks					
Crude oil stocks	335,781	331,264	329,559	4,517	6,222

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,416	1,257	1,258	1,400	89.9
Appal. No. 1	106	101	101	105	96.2
DISTRICT 1 TOTAL	1,522	1,358	1,359	1,505	90.3
Appal. No. 2	63	63	63	66	95.5
Ind., Ill., Ky.	2,164	1,988	1,988	2,154	92.3
Minn., Wis., Daks.	325	314	314	317	99.1
Okla., Kans., Mo.	673	642	642	716	89.7
DISTRICT 2 TOTAL	3,225	3,007	3,007	3,253	92.4
Inland Texas	590	499	501	568	88.2
Texas Gulf Coast	3,447*	2,944*	2,966*	3,569	83.1*
La. Gulf Coast	2,538	2,308	2,360	2,648	89.1
N. La. and Ark.	148	137	138	257	53.7
New Mexico	92	71	71	81	87.7
DISTRICT 3 TOTAL	6,815*	5,959*	6,036*	7,123	84.7*
DISTRICT 4 TOTAL	511	483	486	552	88.0
DISTRICT 5 TOTAL	2,670*	2,568	2,568	3,259	78.8
TOTAL U.S.	14,743	13,375	13,456	15,692	85.8
TOTAL U.S. Weeks Ended:					
AUG. 28, 1987	14,533*	13,406*	13,505*	15,692	86.1*
SEP. 5, 1986	14,748	13,492	13,651	15,602	87.5
DISTRICTS 1-4 Weeks Ended:					
SEP. 04, 1987	12,073	10,807	10,888	12,433	87.6
AUG. 28, 1987	11,940*	10,871*	10,968*	12,433	88.2*
SEP. 5, 1986	12,232	11,015	11,171	12,533	89.1

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended September 4, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	693	113	580	29	84	266	173
Appal. No. 1	41	16	25	--	--	30	2
DISTRICT 1 TOTAL	734	129	605	29	84	296	175
Appal. No. 2	39	6	33	--	--	15	2
Ind., Ill., Ky.	1,176	273	903	4	134	403	37
Minn., Wis., Daks.	159	56	103	2	16	77	8
Okla., Kans., Mo.	392	124	268	8	34	151	6
DISTRICT 2 TOTAL	1,766	459	1,307	14	184	646	53
Inland Texas	292	94	198	30	37	127	17
Texas Gulf Coast	1,559	325	1,234	17	295	602	157
La. Gulf Coast	1,166	203	963	28	253	460	99
N. La. and Ark.	47	7	40	5	11	31	8
New Mexico	38	10	28	9	2	14	--
DISTRICT 3 TOTAL	3,102	639	2,463	89	598	1,234	281
DISTRICT 4 TOTAL	241	104	137	10	27	114	17
DISTRICT 5 TOTAL	1,050	326	724	38	346	409	365
TOTAL U.S.	6,893	1,657	5,236	180	1,239	2,699	891
TOTAL U.S. Weeks Ended:							
AUG. 28, 1987	7,071	1,770	5,301	234	1,232	2,665	933
SEP. 5, 1986	7,245	2,185	5,060	182	1,088	2,968	987
DISTRICTS 1-4 Weeks Ended:							
SEP. 04, 1987	5,843	1,331	4,512	142	893	2,290	526
AUG. 28, 1987	5,852	1,388	4,464	185	899	2,265	552
SEP. 5, 1986	6,101	1,845	4,256	153	787	2,540	627

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended September 4, 1987

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,130	1,017	4,112	1	96	628	8,353	848	--
Central Atlantic	29,387	5,179	18,571	5,637	392	4,653	26,001	14,435	12,850
Lower Atlantic	31,083	7,490	23,287	306	599	4,694	14,425*	3,072	575
DISTRICT 1 TOTAL	65,600	13,686	45,970	5,944	1,087	9,975	48,779*	18,355	13,425
DISTRICT 2 TOTAL	59,533	17,468	34,490	7,575	947	8,793	31,674	3,319	13,985
DISTRICT 3 TOTAL	64,031	13,012	35,246	15,773	2,674	15,838	30,961	12,144	50,984
DISTRICT 4 TOTAL	5,521	2,117	2,129	1,275	345	724	2,521	486	2,100
DISTRICT 5 TOTAL	30,553*	7,252	15,406*	7,895	1,796	5,173	10,202	8,358*	22,557*
TOTAL U.S.	225,238	53,535	133,241	38,462	6,849	40,503	124,137	42,662	103,051
TOTAL U.S.									
Weeks Ended:									
AUG. 28, 1987	226,420*	53,369	135,111*	37,940	6,797	41,329	123,421*	42,961*	104,148*
SEP. 5, 1986	222,567	70,128	117,108	35,331	5,980	42,494	135,247	40,099	101,152
DISTRICTS 1-4									
Weeks Ended:									
SEP. 04, 1987	194,685	46,283	117,835	30,567	5,053	35,330	113,935	34,304	80,494
AUG. 28, 1987	195,535	46,236	119,028	30,271	4,995	36,433	113,572*	34,722	81,264
SEP. 5, 1986	194,776	62,036	104,532	28,208	4,308	36,627	125,714	32,066	76,992

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended September 4, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Apr. 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
SEP. 04, 1987	5,143.0	5,312.0	4,189	567	263,872
AUG. 28, 1987	5,143.0	--	5,257*	700	261,410*
AUG. 21, 1987	5,143.0	--	5,499	680	259,711
AUG. 14, 1987	5,143.0	--	5,515	687	252,376
DISTRICT 5 TOTAL					
SEP. 04, 1987	3,038.3	3,083.0	334	6	71,909 ♦
AUG. 28, 1987	3,038.3	--	49	7	69,854
AUG. 21, 1987	3,038.3	--	270	--	70,755
AUG. 14, 1987	3,038.3	--	144	--	71,247
TOTAL U.S.					
SEP. 04, 1987	8,181.3	8,395.0	4,523	573	335,781 ♦
AUG. 28, 1987	8,181.3	--	5,306*	707	331,264*
AUG. 21, 1987	8,181.3	--	5,769	680	330,466
AUG. 14, 1987	8,181.3	--	5,659	687	323,623
SEP. 5, 1986	8,374.0a/	--	5,481	543	329,559

♦INCLUDES 17,935 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for August 1986.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 04, 1987	18,186	68,491	165,789	11,406	263,872	71,909 ♦	335,781
AUG. 28, 1987	17,689	67,666*	164,592	11,463	261,410*	69,854	331,264
SEP. 5, 1986	15,158	68,875	162,692	11,349	258,074	71,485	329,559

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended September 4, 1987

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	Unfinished Oils L.P.G.	Unfinished Oils Other	Total
New England	277	--	277	--	--	33	80	--	6	--	396
Central Atlantic	103	9	94	13	--	24	86	135	19	152	31	563
Lower Atlantic	91	--	91	--	--	--	--	265	--	--	4	360
DISTRICT 1 TOTAL												
SEP. 04, 1987	471	9	462	13	--	57	166	400	25	152	35	1,319
AUG. 28, 1987	545	35	510	78	--	16	165	464	33	112	61	1,474
AUG. 21, 1987	230	8	222	--	--	--	167	657	5	111	81	1,251
AUG. 14, 1987	378	12	366	41	--	20	496	539	34	74	74	1,656
DISTRICTS 2-4 TOTAL												
SEP. 04, 1987	17	--	17	2	--	--	8	14	133	188	3	365
AUG. 28, 1987	18	1	17	30	--	--	4	47	127	205	163*	594*
AUG. 21, 1987	15	--	15	32	--	--	10	9	46	250	1	363
AUG. 14, 1987	31	1	30	22	5	--	36	40	114	129	255	632
DISTRICT 5 TOTAL												
SEP. 04, 1987	18	5	13	2	--	--	2	1	6	3	--	32
AUG. 28, 1987	19	8	11	21	--	--	3	1	5	3	--	52
AUG. 21, 1987	16	--	16	--	--	--	2	2	2	--	--	22
AUG. 14, 1987	15	3	12	4	--	--	3	3	10	5	--	40
TOTAL U.S.	506	14	492	17	--	57	176	415	164	343	38	1,716
TOTAL U.S. Weeks Ended:												
AUG. 28, 1987	582	44	538	129	--	16	172	512	165	320	224*	2,120*
AUG. 21, 1987	261	8	253	32	--	--	179	668	53	361	82	1,636
AUG. 14, 1987	424	16	408	67	5	20	535	582	158	208	329	2,328
SEP. 5, 1986	577	78	499	42	--	17	136	637	157	340	568	2,474

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: SEP. 04, 1987

REVISIONS

08/28/87	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,356
			DISTRICT 3 TOTAL	6,708
			DISTRICT 5 TOTAL	2,593
			TOTAL U.S.	14,533
			DISTRICTS 1-4	11,940
		CRUDE OIL RUNS	TEXAS GULF COAST	2,972
			DISTRICT 3 TOTAL	5,976
			TOTAL U.S.	13,406
			DISTRICTS 1-4	10,871
		INPUT TO CRUDE OIL	TEXAS GULF COAST	3,013
			DISTRICT 3 TOTAL	6,060
			TOTAL U.S.	13,505
			DISTRICTS 1-4	10,968
		% OPERABLE	TEXAS GULF COAST	84.4
			DISTRICT 3 TOTAL	85.1
			TOTAL U.S.	86.1
			DISTRICTS 1-4	88.2
	PAGE 3	TOTAL MGAS	DISTRICT 5 TOTAL	30,885
			TOTAL U.S.	226,420
		UNLEADED MGAS	DISTRICT 5 TOTAL	16,083
			TOTAL U.S.	135,111
		DISTILLATE FUEL	LOWER ATLANTIC	14,239
			DISTRICT 1 TOTAL	47,912
			TOTAL U.S.	123,421
			DISTRICTS 1-4	113,572
		RESIDUAL FUEL	DISTRICT 5 TOTAL	8,239
			TOTAL U.S.	42,961
		UNFINISHED OILS	DISTRICT 5 TOTAL	22,884
			TOTAL U.S.	104,148
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,257
			TOTAL U.S.	5,306
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	261,410
			TOTAL U.S.	331,264
	PAGE 4 B	TOTAL	PAD DISTRICT 2	67,666
			TOTAL PAD DISTRICTS 1-4	261,410
			TOTAL U.S.	331,264
	PAGE 5	OTHER	DISTRICTS 2-4 TOTAL	163
			TOTAL U.S.	224
		TOTAL	DISTRICTS 2-4 TOTAL	594
			TOTAL U.S.	2,120